

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

J. SHEN

CASE NO.: BB1137

APPLICATION NO.: 09/326285

GROUP ART UNIT: 1655

FILED: JUNE 7, 1999

EXAMINER: J. EINSMANN

FOR: GENES FOR DESATURASES TO ALTER  
LIPID PROFILESRESPONSEAssistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This is in response to the Office Action dated May 9, 2001 regarding the above-identified application. Applicant respectfully requests reconsideration and submits the following in support thereof.

In the Abstract

Kindly delete the Title and Abstract appearing on page 61 in their entirety and replace it with the following:

-TITLE

C1 A METHOD FOR IMPROVING THE CARCASS QUALITY OF AN ANIMAL

ABSTRACT

C2 A method for improving the carcass quality of an animal is described. This method involves the preparation and use of nucleic acid fragments comprising all or substantially all of a corn oleosin promoter, a stearyl-ACP desaturase and a delta-12 desaturase which can be used individually or in combination to modify the lipid profile of corn are described. Chimeric genes incorporating such nucleic acid fragments and suitable regulatory sequences can be used to create transgenic corn plants having altered lipid profiles are also described--.

In the Specification

Page 1, lines 1 and 2, delete "TITLE GENES FOR DESATURASES TO ALTER LIPID PROFILES IN CORN" and replace it with the following: